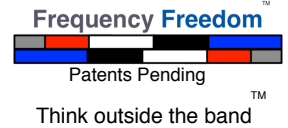




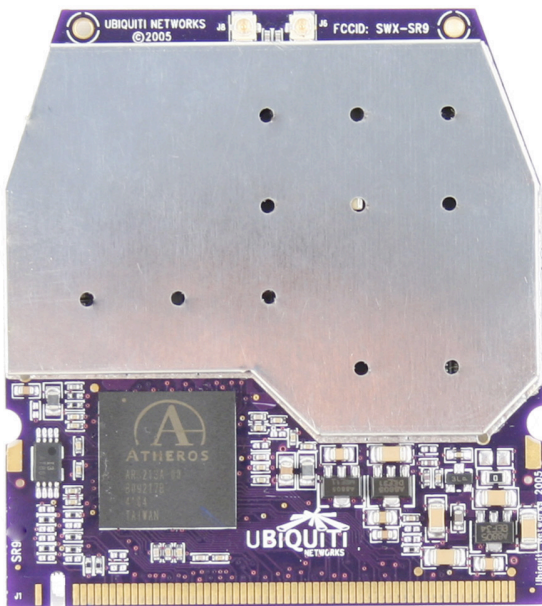
# SUPER RANGE 9

The next generation of 900MHz Wireless



The Super Range 9 mini-PCI card is a revolutionary 900 MHz wireless product which features Ubiquiti's patent pending Frequency Freedom radio technology combined with powerful and advanced 802.11 functionally from Atheros Communications' AR5004 802.11 MAC/PHY IC.. The radio features high output power, great receiver sensitivity, noise immunity performance, and lightning fast data rates -- all at 900MHz.

700mW    54Mbps    900MHz



## COMPATIBILITY INFORMATION

The SR9 card is made to work seamlessly with existing systems supporting the Atheros AR5213 MAC/BB IC. Please contact Ubiquiti sales (sales@ubnt.com) regarding OEM system integration.

## FEATURES/PERFORMANCE

### Chipset

Atheros AR5213 MAC/BB  
Ubiquiti Frequency Freedom G1

### Transmit Power

Rate	Power
1-24 Mbps	28 dBm, +/- 1dB
36 Mbps	26 dBm, +/- 1dB
48 Mbps	24 dBm, +/- 1dB
54 Mbps	23 dBm, +/- 1dB

### Current Consumption @3.3V

Transmit	
1-24 Mbps	1000mA, +/-100mA
36 Mbps	900mA, +/-100mA
48 Mbps	850mA, +/-100mA
54 Mbps	800mA, +/-100mA
Receive	
	400mA, +/-50mA

### Receive Sensitivity

Rate	Level
1 Mbps	-93 dBm, +/- 2dB
2 Mbps	-92 dBm, +/- 2dB
5.5 Mbps	-91 dBm, +/- 2dB
6 Mbps	-90 dBm, +/- 2dB
9 Mbps	-89 dBm, +/- 2dB
11 Mbps	-88 dBm, +/- 2dB
12 Mbps	-87 dBm, +/- 2dB
18 Mbps	-86 dBm, +/- 2dB
24 Mbps	-82 dBm, +/- 2dB
36 Mbps	-79 dBm, +/- 2dB
48 Mbps	-73 dBm, +/- 2dB
54 Mbps	-70 dBm, +/- 2dB

### Compliance

FCC Part 15.247

### Temperature Rating

Storage	-70 - +85 C
Operation	-20 - +60C

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